

PATENT  
450100-04709

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hiroyuki SUGAWARA et al.  
Serial No. : 10/638,988  
Filed : August 12, 2003  
For : DATA STORAGE SYSTEM  
Art Unit : 2186

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Gordon Kessler, Reg. No. 38,511

Name of Applicant, Assignee or  
Registered Representative

*Gordon Kessler*  
Signature

February 26, 2004  
Date of Signature

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents  
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Sir:

In compliance with the duty of disclosure set forth in  
37 C.F.R. 1.56, applicants are filing this Information Disclosure  
Statement and the accompanying form PTO-1449 along with copies of  
the prior art therein identified. Such prior art has recently  
come to the attention of applicants. So far as applicants are

aware, this Information Disclosure Statement is being filed  
before the mailing date of the first Office Action on the merits.

The filing of this Information Disclosure Statement is  
not an admission that the documents identified herein constitute  
prior art to the present application.

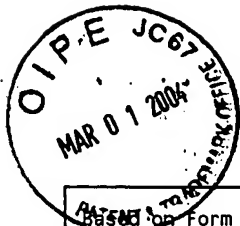
Please charge any fees incurred by the filing of this  
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Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP  
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By: 

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Based on Form PTO-1449  
(3/90)

ATTY. DOCKET NO.  
450100-04709

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LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT  
Hiroyuki SUGAWARA et al.

FILING DATE  
August 12, 2003

GROUP  
2186

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	US 2002/0073190	06/13/02	Munenaka et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ		

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.